

ABSTRACT OF THE DISCLOSURE**A DEVICE FOR MANAGING PARAMETER MEASUREMENT IN END-TO-END TYPE DATA STREAMS IN A MULTIDOMAIN COMMUNICATION NETWORK**

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A device (D) is dedicated to managing the measurement of parameters in end-to-end data streams in a communication network (N) composed of at least two domains (Ai) coupled together and each equipped with a measuring appliance (Mi) delivering local measurements representing the parameter values of local end-to-end type data streams, where the measuring appliances (Mi) are implementing different measuring processes. The device (D) includes, firstly, monitoring means (MM) which are responsible for ordering the institution of a specific measurement configuration in each measuring appliance in accordance with at least its measuring process and with overall measurement specifications, and secondly, calculation means (CM) which are responsible for delivering first data representing the parameter values of end-to-end type data streams from local measurements delivered by the configured measuring appliances (Mi).

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